

# A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 14-171-158

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL  
12812 VALLEY VIEW #9  
GARDEN GROVE, CA 92845

SUBMITTED BY: CHRIS MARKS

CUSTOMER: MERCED

LAB NO: 27485 DATE: 07/03/2014

## ORGANIC FERTILIZER REPORT

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SAMPLE ID	REPORT OF ANALYSIS IN PERCENT									REPORT OF ANALYSIS IN PARTS PER MILLION						
	Nitrogen N	Phosphorus P	Phosphate P <sub>2</sub> O <sub>5</sub>	Potassium K	Potash K <sub>2</sub> O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SAN MATEO	4.10	2.88	6.60	0.360	0.434	1.930	0.760	2.930	0.540	37200	22620	522	344	848	5.0	

SAMPLE ID	POUNDS OF NUTRIENTS / TON															
	Nitrogen N	Phosphorus P	Phosphate P <sub>2</sub> O <sub>5</sub>	Potassium K	Potash K <sub>2</sub> O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SAN MATEO	82.0	57.6	132.0	7.2	8.7	38.6	15.2	58.6	10.8	74.4	45.2	1.0	0.7	1.7	<0.1	

☐ Reported on an as-received basis Moisture =

☒ Reported on a dry basis Moisture = 80.36%

**Remarks:** To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 8.6  
C:N Ratio = 8:1  
Soluble Salts = 1.8 dS/m  
Organic Matter = 57.57 %  
Ammonia Nitrogen = 0.088 %  
Nitrate Nitrogen = <0.0025 %  
Chloride = 0.62 %  
Organic Nitrogen = 4.01 %  
Volatile Solids = 57.57 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

  
Robert Butterfield

A & L WESTERN LABORATORIES, INC.

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